

10539 U.S. PTO  
119626  
12/96

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 0083-0865-2

First Named Inventor or Application Identifier

Masashi GOTOH, et al.

Title

CIRCUIT BOARD HAVING BONDING AREAS TO BE JOINED WITH BUMPS BY ULTRASONIC BONDING

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility application

Contents

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1.  Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)

2.  Specification [Total Pages 22]

3.  Drawing(s) [Total Sheets 6]

4. Oath or Declaration [Total Pages ]  
 a.  Newly executed (original or copy)  
 b.  Copy from a prior application (37 CFR 1.63(d))  
 (for continuation/divisional with Box 17 completed)  
 [Note Box 5 below]  
 i.  DELETION OF INVENTOR(S)  
 Signed statement attached deleting  
 inventor(s) named in the prior  
 application,  
 see 37 CFR 1.63(d)(2) and 1.33(b).

5.  Incorporation By Reference (useable if Box 4b is checked)  
 The entire disclosure of the prior application, from  
 which a copy of the oath or declaration is supplied  
 under Box 4b, is considered as being part of the  
 disclosure of the accompanying application and is  
 hereby incorporated by reference therein.

Assistant Commissioner for  
Patents  
Box Patent Applications  
Washington, DC 20231

**ACCOMPANYING APPLICATION PARTS**

6.  Assignment Papers (cover sheet & document(s))
7.  37 CFR 3.73(b) Statement  Power of Attorney (when there is an assignee)
8.  English Translation Document (if applicable)
9.  Information Disclosure  Copies of IDS Citations (1)  
Statement (IDS)/PTO-1449
10.  Preliminary Amendment
11.  White Advance Serial No. Postcard
12.  Small Entity  Statement filed in prior app, Statement(s) Status still proper and desired
13.  Certified Copy of Priority Document(s)
14.  Other: Notice of Priority; List of Inventors' Names and Addresses; Statement of Relevancy

15. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No:

16. Amend the specification by inserting before the first line the sentence:

This application is a  Continuation  Division  Continuation-in-part (CIP)  
of application Serial No. , filed on .

**17. CORRESPONDENCE ADDRESS**

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s): Masashi GOTOH, et al.

Serial No: New Application

Filing Date: Herewith

Title: CIRCUIT BOARD HAVING BONDING AREAS TO BE JOINED WITH BUMPS  
BY ULTRASONIC BONDING**FEE TRANSMITTAL**Assistant Commissioner For Patents  
Washington, D.C. 20231

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS	6-20=	0	X \$22=	\$0.00
	INDEPENDENT	2-3=	0	X \$82=	\$0.00
MULTIPLE DEPENDENT CLAIMS (if applicable)			+ \$270=	\$	
LATE FILING OF DECLARATION			+ \$130=	\$130.00	
		BASIC FEE		\$790.00	
		TOTAL OF ABOVE CALCULATIONS =		\$920.00	
Reduction by 50% for filing by small entity					
<input type="checkbox"/> FILING IN NON-ENGLISH LANGUAGE			+ \$130=	\$	
<input type="checkbox"/> RECORDATION OF ASSIGNMENT			+ \$40=	\$	
		TOTAL		\$920.00	

Please Charge My Deposit Account No. 15-0030 in the Amount of ?. A Duplicate copy of this sheet is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Account No. 15-0030. A duplicate copy of this sheet is enclosed.

A check in the amount of \$920.00 to cover the filing fee is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.Marvin J. Spivak  
Attorney of Record  
Registration No. 24,913C. Irvin McClelland  
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Docket No. 0083-0865-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Masashi GOTOH, et al.

FOR: CIRCUIT BOARD HAVING BONDING AREAS TO BE JOINED WITH BUMPS BY ULTRASONIC BONDING

FILED: Herewith

LIST OF INVENTORS' NAMES AND ADDRESSES

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Listed below are the names and addresses of the inventors for the above-identified patent application.

- 1) Masashi GOTOH  
Takahagi-shi, JAPAN
- 2) Jitsuo KANAZAWA  
Takahagi-shi, JAPAN
- 3) Syuichiro YAMAMOTO  
Narashino-shi, JAPAN
- 4) Kenji HONDA  
Takahagi-shi, JAPAN

A declaration containing all the necessary information will be submitted at a later date.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

  
\_\_\_\_\_  
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**C. Irvin McClelland**  
Registration Number 21,124

1C530 U.S. PRO  
69/119626  
7/21/98

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Masashi GOTOH, et al.

GROUP ART UNIT:

SERIAL NUMBER: New Application

EXAMINER:

FILED: Herewith

FOR: CIRCUIT BOARD HAVING BONDING AREAS TO BE JOINED WITH BUMPS BY ULTRASONIC BONDING

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicant(s) wish to disclose the following information.

REFERENCES

- The Applicant(s) wish to make of record the references listed on the attached Form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- A check is attached in the amount required under 37 CFR § 1.17(p).

RELATED CASES

- Attached is a list of applicant's pending applications or issued patents which may be related to the present application. A copy of the patent(s) is attached along with PTO 1449.
- A check is attached in the amount required under 37 CFR § 1.17(p).

CERTIFICATION

The undersigned certifies that

- each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this statement.

PETITION

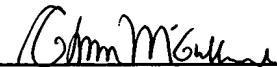
- Applicant(s) hereby request consideration of the attached information. A check is attached in the amount of the Petition fee required under 37 CFR § 1.17(i)(1).

DEPOSIT ACCOUNT

- Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account No. 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

  
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